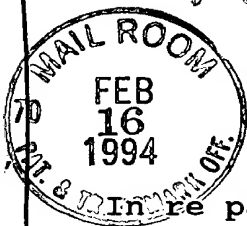


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 40399/216/NIHD

re patent application of

Mary STRACKE et al.

Serial No. 07/822,043

Filed: January 17, 1992

For: AUTOTAXIN: MOTILITY STIMULATING PROTEIN USEFUL IN
CANCER DIAGNOSIS AND THERAPY

18C Group Art Unit: 1806

Examiner: S. Huff

AMENDMENT AFTER FINAL REJECTION AND
REQUEST FOR RECONSIDERATION UNDER 37 CFR §1.116

Commissioner of Patents and Trademarks
Washington, D.C. 20231
Box AF

Sir:

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FEB 22 1994

GROUP 1800

In response to the Final Office Action mailed November 16, 1993, applicants request that the PTO amend the above-identified application as detailed below.

IN THE CLAIMS

18. (Amended) A polypeptide selected from human autotaxin protein in homogeneous form ~~or a fragment of said protein~~, wherein

(A) said protein has an isoelectric point of about 7.7, a molecular weight of about 125 kDa, as determined SDS-polyacrylamide gel electrophoresis under reducing conditions, and induces a motility in human A2508 melanoma cells which is inhibited by pertussis toxin;

and

(B) antibody suitable for immunohistochemical staining of cancerous human tissue can be raised to each of said protein ~~and said fragment~~ [raises antibody suitable for immunohistochemical staining of cancerous human tissue].